

CATALOGUE OF APIOCERIDAE OF THE WORLD

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AND

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The family Apioceridae is composed of large flies which are restricted to arid or semi-arid regions. Very little work has been done in this family until recently when Cazier¹ revised the North American species and Hardy² revised the Australian species. Since the publication of the Kertesz catalogue in 1906 so many new species have been described that it has been thought advisable to bring it up to date.

The following is a comparison of the Kertesz catalogue and the present paper.

	Kertesz 1906	Rapp & Snow 1945
Apiocera.....	9	35
Apomidas.....	1	—
Megascelus.....	—	1
Neorhaphiomidas.....	—	2
Rhaphiomidas.....	4	12
	—	—
	14	50

Genus APIOCERA Westwood

<i>aldrichi</i> Painter, Bul. Univ. Kans., vol. 37 (1936), pp. 193-194.	Arizona California
<i>alleni</i> Cazier, Amer. Midland Naturalist, vol. 25 (1941), p. 606.	California
<i>augur</i> Osten Sacken, Biol. Cen. Amer. Dipera, vol. 1, p. 212 (1887); Painter, Ann. Ent. Soc. Amer., vol. 25 (1932), pp. 354-355; Painter, Bul. Univ. Kans., vol. 37 (1936), p. 192.	Mexico New Mexico Texas
<i>beameri</i> Painter, Bul. Univ. Kans., vol. 37 (1936), pp. 198-199.	California
<i>bilineata</i> Painter, Ann. Ent. Soc. Amer., vol. 25 (1932), p. 351.	New Mexico
<i>braunsi</i> Melander, Milwaukee Bul. Wis. Soc., vol. 5 (1907), p. 125.	Cape Colony, South Africa

¹ Cazier, M. 1941. Revision of North American Apioceridae. Amer. Midl. Nat., 25:589-631.

² Hardy, G. H. 1940. Miscellaneous Notes on Australian Diptera, VII Proc. Linn. Soc. N. S. W., 65:484-493.

- caloris* Painter, Bul. Univ. Kans., Vol. 37 (1936), pp. 194-195. Arizona
- clavator* Painter, Bul. Univ. Kans., vol. 37 (1936), pp. 196-197. Mexico
- convergens* Painter, Bul. Univ. Kans., vol. 37 (1936), p. 196. California
- deforma* Norris, J. Roy, Soc. W. Aust., vol. 22 (1936), p. 52. Western Australia
- exta* Cazier, Amer. Midland Naturalist, vol. 25 (1941), p. 609. California
- fuscicollis* Westwood, London and Edinb. phil. Mag. and Journ. of Sci., vol. 6 (1835), p. 449; *brevicornis* Wied., Aussereurop. zweifl. Ins., vol. 2 (1830), p. 646; *asilica* Westwood, London and Edinb. phil. Mag. and Jour. of Sci., vol. 6 (1835), p. 449; *bigotii* Macq., Dipt. exot., suppl. 2, p. 49 (1847). Australia
Queensland
New So. Wales
Victoria
Tasmania
- haruspex* Osten Sacken, Bul. U. S. Geol. Surv., vol. 3 (1877), p. 287; Painter, Ann. Ent. Soc. Amer., vol. 25 (1932), pp. 352-353; Painter, Bul. Univ. Kans., vol. 37 (1936), pp. 191-192. Arizona
Brit. Columbia
California
Idaho
Oregon
Wyoming
- hispida*, Cazier, Amer. Midland Naturalist, vol. 25 (1941), p. 605. California
- immedia* Hardy, Proc. Linn. Soc. N. S. W., vol. 65 (1940), p. 488. Australia
New So. Wales
- imminuta* Hardy, Proc. Linn. Soc. N. S. W., vol. 65 (1940), p. 489. Australia
New So. Wales
Queensland
- infinita* Cazier, Amer. Mid. Naturalist, vol. 25 (1941), p. 613. California
- interrupta* Painter, Bul. Univ. Kans., vol. 37 (1936), pp. 192-193. California
- intonsa* Cazier, Amer. Midland Naturalist, vol. 25 (1941), p. 610. Arizona
California
- maerens* Westwood, Areana Entomol., vol. 1 (48) (1841), p. 551. Australia
- maritima* Hardy, Proc. Linn. Soc. N. S. W., vol. 58 (1933), p. 416. Australia
Queensland
New So. Wales

- martinorum* Painter, Bul. Univ. Kans., vol. 37 (1936), pp. 197-198. Idaho
Oregon
- melanura* Cazier, Amer. Midland Naturalist, vol. 25 (1941), p. 611. Arizona
- minor* Norris, J. Roy, Soc. W. Aust., vol. 22 (1936), p. 52. West Australia
- newmani* Norris, J. Roy, Soc. W. Aust., vol. 22 (1936), p. 53. West Australia
- norrisi* Hardy, Proc. Linn. Soc. N. S. W., vol. 65 (1940), p. 489. Australia
Queensland
- notata* Painter, Bul. Univ. Kans., Vol. 37 (1936), pp. 199-200. California
- obscura* Phil., Verh. zool. bot. Ges. Wien., vol. 15 (1865), p. 703. Chile
- parkeri* Cazier, Amer. Midland Naturalist, vol. 26 (1941), p. 607. Arizona
California
- pallida*, Norris, J. Roy, Soc. W. Aust., vol. 22 (1936), p. 50. West Australia
- pearcei*, Cazier, Amer. Midland Naturalist, vol. 25 (1941), p. 603. California
- philippii* Brethes, Rev. Chil. Hist. Nat., vol. 28 (1924), p. 104; *brevicornis* Phil., Verh. zool. bot. Ges. Wien., vol. 15 (1865), p. 702. Chile
- pica* Norris, J. Roy, Soc. W. Aust., vol. 22 (1930), p. 54. West Australia
- tonnoiri* Norris, J. Roy, Soc. W. Aust., vol. 22 (1936), p. 52. West Australia
- trimaculata* Painter, Bul. Univ. Kans., vol. 37 (1936), pp. 195-196. California

Genus MEGASCELUS Philippi

- nigricornis* (Phil.), Verh. zool. bot. Ges. Wien., vol. 15 (1865), p. 683. Chile

Genus NEORHAPHIOMIDAS Norris

- hardyi* Norris, J. Roy, Soc. W. Aust., vol. 22 (1936), p. 64. West Australia
- pinguis* Norris, J. Roy, Soc. W. Aust., vol. 22 (1936), p. 64. West Australia

Genus RHAPHIOMIDAS Osten Sacken

- abdominalis* Cazier, Amer. Midland Naturalist, California
vol. 25 (1941), p. 624.
- acton* Coquillett, West Amer. Scientist, vol. 7 California
(1891), p. 84; Townsend, Proc. Cal. Acad.
Sci., vol. 4 (1895), p. 602; Painter, Bul. Univ.
Kans., vol. 37 (1936), p. 188.
- aitkeni* Cazier, Amer. Midland Naturalist, vol. California
25 (1941), p. 623.
- episcopus* Osten Sacken, U. S. Geol. and Geog. Lower
Survey of the Terr., vol. 3 (1887), p. 281; California
Coquillett, West. Amer. Sci., vol. 7 (1891),
p. 85; Townsend, Proc. Cal. Acad. Sci., vol.
4 (1895), p. 603; Painter, Bul. Univ. Kans.,
vol. 37 (1936), p. 188.
- maculatus* Cazier, Amer. Midland Naturalist, vol. California
25 (1941), p. 628.
- maehleri* Cazier, Amer. Midland Naturalist, vol. California
25 (1941), p. 627.
- mellifex* Townsend, Proc. Cal. Acad. Sci., vol. 4 California
(1895), p. 604. Lower
California
- painteri* Cazier, Amer. Midland Naturalist, vol. New Mexico
25 (1941), p. 622; *xanthos* Townsend, Trans.
Amer. Ent. Soc., vol. 27 (1901), p. 163;
xanthos Painter, Bul. Univ. Kans., vol. 37
(1935), p. 189.
- parkeri* Cazier, Amer. Midland Naturalist, vol. California
25 (1941), p. 625.
- terminatus* Cazier, Amer. Midland Naturalist, California
vol. 25 (1941), p. 622; Coquillett, West. Amer.
Sci., vol. 7 (1891), p. 85 (*episcopus* O. S.);
Townsend, Proc. Calif. Acad. Sci., vol. 4
(1895), pp. 603-604 (*mellifex* Towns.)
- trochilus* (Coquillett), Can. Ent., vol. 24 (1892), California
p. 315 (*Apomydas*); Norris, J. Roy, Soc. W.
Aust., vol. 22 (1936), p. 50; Painter, Bul.
Univ. Kans., vol. 37 (1936), p. 188.
- xanthos* Townsend, Proc. Cal. Acad. Sci., vol. 4 Mexico
(1895), p. 605; *mellifex*, Townsend, Proc.
Cal. Acad. Sci., vol. 4 (1895), p. 604; Painter,
Bul. Univ. Kans., vol. 39 (1936), p. 189.